

# Comparisons of Job Characteristics

**Focus Occupation:** Elevator Installers and Repairers (47-4021)

**Associated Occupation:** Maintenance and Repair Workers, General (49-9042)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 87

**Focus Occupation:** Elevator Installers and Repairers (47-4021)

**Associated Occupation:** Maintenance and Repair Workers, General (49-9042)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	19.3	21.3	>	Current knowledge level is likely sufficient
Building and Construction	4.0	14.3	17.7	>>	Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	12.0	12.9	0	Current knowledge level may be sufficient
Design	5.2	11.7	13.5	>	Current knowledge level is likely sufficient
Engineering and Technology	5.7	10.3	11.2	0	Current knowledge level may be sufficient
Physics	4.3	8.8	11.6	>>	Current knowledge level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 89

**Focus Occupation:** Elevator Installers and Repairers (47-4021)

**Associated Occupation:** Maintenance and Repair Workers, General (49-9042)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Equipment Maintenance	3.5	12.7	12.2	0	Current skill level may be sufficient
Repairing	3.4	12.3	13.0	0	Current skill level may be sufficient
Troubleshooting	4.5	10.0	12.9	>>	Skill level is likely more than sufficient
Quality Control Analysis	5.9	9.8	11.2	>	Skill level is likely sufficient
Equipment Selection	3.3	9.5	10.8	>	Skill level is likely sufficient
Installation	1.7	8.3	9.2	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 83			
Focus Occupation: Elevator Installers and Repairers (47-4021) Associated Occupation: Maintenance and Repair Workers, General (49-9042)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Information Ordering	9.9	13.3	9.6	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.8	9.5	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.4	10.3	<	Some improvement in abilities may be required
Visualization	7.5	11.0	10.2	0	Current ability level may be sufficient
Static Strength	5.0	9.8	6.6	<<	Extensive improvement in abilities may be required
Extent Flexibility	4.8	9.2	10.1	0	Current ability level may be sufficient
Speed of Limb Movement	3.2	5.8	3.7	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	5.6	8.1	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 86
<b>Focus Occupation: Elevator Installers and Repairers (47-4021)</b> <b>Associated Occupation: Maintenance and Repair Workers, General (49-9042)</b>		
Work Activities	Exclusivity of Activity	
Diagnose mechanical problems in machinery or equipment	65	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Inspect machinery or equipment to determine adjustments or repairs needed	42	
Install electrical fixtures or components	71	
Install industrial machinery or related heavy equipment	89	
Install or replace meters, regulators, or related measuring or control devices	66	
Install/connect electrical equipment to power circuit	57	
Lubricate machinery, equipment, or parts	59	
Maintain or repair industrial or related equipment/machinery	39	
Move or fit heavy objects	8	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read blueprints	10	
Read schematics	34	

Read technical drawings	7
Read work order, instructions, formulas, or processing charts	9
Repair or adjust measuring or control devices	71
Repair or replace electrical wiring, circuits, fixtures, or equipment	49
Replace electronic components	63
Test electrical/electronic wiring, equipment, systems or fixtures	54
Test mechanical products or equipment	56
Understand service or repair manuals	40
Understand technical operating, service or repair manuals	6
Use acetylene welding/cutting torch	54
Use electrical or electronic test devices or equipment	40
Use hand or power tools	2
Use precision measuring devices in mechanical repair work	61
Use voltmeter, ammeter, or ohmmeter	52

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 86

**Focus Occupation: Elevator Installers and Repairers (47-4021)**

**Associated Occupation: Maintenance and Repair Workers, General (49-9042)**

Tools and Technologies	Exclusivity
Cleaning equipment	11
Computers	1
Content authoring and editing software	1
Cutting and crimping and punching tools	3
Dispensing tools	6
Electrical measuring and testing equipment	7
Fall protection	16
Forming tools	2
Holding and clamping tools	3
Indicating and recording instruments	2
Industrial trucks	10
Industry specific software	1
Information exchange software	1
Ladders and scaffolding	6
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machinery for working wood and stone and ceramic and the like	12
Measuring and layout tools	3
Mechanical instruments	14
Personal communication devices	2
Power tools	2
Prying and bending tools	10

Pumps	9
Rough and finishing tools	5
Soldering and brazing and welding machinery and supplies	6
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.